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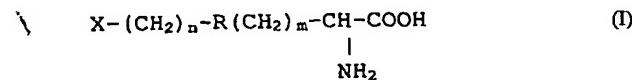
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(54) Title: RADIOACTIVELY LABELLED AMINO ACID ANALOGUES, THEIR PREPARATION AND USE

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(57) **Abstract:** The present invention relates to Halogenated amino acid analogues for use in diagnosis, which compounds have the general formula (I) wherein : R is (C_1-C_6) alkyl optionally substituted with thioether or ether oxygen atom when $n = 0$, or a substituted aromatic or heteraromatic ring when $n = 1-6$; and $m = 0$ or 1; and X is a halogen atom. The invention further relates to precursor compounds for these analogues, to a method of preparing these analogues, to a pharmaceutical composition comprising these analogues and to the use of these analogues and compositions in the diagnosis of cancer.